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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of: **Hiroaki TAKEHARA et al.**

Group Art Unit: **1754**

Application Number: **10/735,824**

Examiner: **Alvin T. Raetzsch**

Filed: **December 16, 2003**

Confirmation Number: **2855**

For: **METHOD FOR PRODUCING FULLERENES**

Attorney Docket Number: **032191**

Customer Number: **38834**

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §1.97(c)(1)/(e)(1)**

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

November 21, 2006

11/22/2006 MAHEDI 03000040 10735824

21 FC:1626

162.22 CP

Sir:

Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached Form PTO/SB/08. A copy of each non - U.S. document is attached.

This Information Disclosure Statement (IDS) is being submitted after issuance of a first official action on the merits and expiration of the three month period following the filing date or the entry of the national stage for the above-captioned application, but prior to issuance of either a final official action or a Notice of Allowance. A check is attached hereto which covers the \$180.00 fee set forth in 37 C.F.R. §1.17(p).

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents: WO93/13014 is an English language counterpart to JP7-502251; an English abstract and a machine English language translation of JP07-033419 and JP05-085711 are included; CA2,293,547 is an English language counterpart to WO98/55396; and WO2004/039719 is an English language counterpart to JP2006-517505 and U.S. Patent

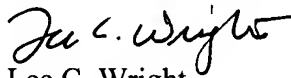
Information Disclosure Statement under 1.97(c)(1)  
Attorney Docket No. 032191  
Application No. 10/735,824

Application Publication 2004/0057896 A1 cited by the Examiner in the Office Action dated August 8, 2006 appears to be a counterpart application to JP2006-517505.

Additionally, a copy of Japanese Office Action dated August 22, 2006 (mailing date), issued in Japanese Patent Application Number 2002-260731 is enclosed. Listed documents 1-7 and 10 are cited in the Japanese Office Action. Listed document 8 is cited in the specification of Japanese Patent Application Number 2002-260731.

If there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 50-2866.

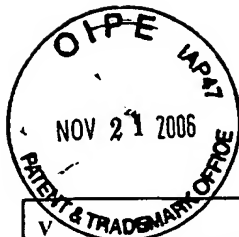
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Enclosures: PTO/SB/08  
Foreign Communication  
Document(s)



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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/735,824        |
| Confirmation Number    | 2855              |
| Filing Date            | December 16, 2003 |
| First Named Inventor   | Hiroaki TAKEHARA  |
| Art Unit               | 1754              |
| Examiner Name          | Alvin T. Raetzsch |
| Attorney Docket Number | 032191            |

**U.S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
|                    |                       | Number          | Kind Code <sup>2</sup><br>(if known) |                                |   |
|                    |                       | US              |                                      |                                |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation <sup>6</sup> |
|--------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|--------------------------|
|                    |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |                                |   |                          |
|                    | 1.                    | JP                        | 7-502251            |                                      | 03-09-1995                     | SRI INTERNATIONAL                               | No                       |
|                    | 2.                    | WO                        | 93/13014            |                                      | 07-08-1993                     | SRI INTERNATIONAL                               |                          |
|                    | 3.                    | JP                        | 07-033419           |                                      | 02-03-1995                     | RITSUMEIKAN                                     | Abstract and Machine     |
|                    | 4.                    | CA                        | 2,293,547           |                                      | 06-05-1998                     | SCHWOB, YVAN                                    | Abstract                 |
|                    | 5.                    | WO                        | 98/55396            |                                      | 12-10-1998                     | SCHWOB, YVAN                                    |                          |
|                    | 6.                    | JP                        | 2006-517505         | A2                                   | 07-27-2006                     | NANO-C, LLC                                     | No                       |
|                    | 7.                    | WO                        | 2004/039719         | A2                                   | 05-13-2004                     | NANO-C, LLC                                     |                          |
|                    | 8.                    | JP                        | 05-085711           |                                      | 04-06-1993                     | IDEMITSU KOSAN CO LTD                           | Abstract and Machine     |

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.              | Translation <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------|
|                    | 9.                    | Japanese Office Action dated August 22, 2006 (mailing date), issued in corresponding Japanese Patent Application Number 2002-260731.  |                          |
|                    | 10.                   | A. YU. ZAKHAROV et al., Electronic Absorption Spectra Determination Of C <sub>60</sub> Content In Soot Produced In Hydrocarbon Flames, <i>Journal of Applied Spectroscopy</i> , Russian Original Vo. 67, No.2, March-April 2000, pages 349-354, Consultants Bureau, New York. |                          |

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.